

**Subject:** [Aligo\_sus] revision to the quad structure frequency analysis memo

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At the LSC meeting the latest version of the quad structure frequency analysis memo was mentioned as revision 3 (T030044-03). I filed it in the DCC last month but did not announce it since the updates were minor:

- 1) corrections to the analytical expressions & plots for rectangular plate frequencies
- 2) An appendix was added comparing plate & solid element analyses, noting limitations in solid element of low order and showing the modal convergence with mesh size.

Calum and Janeen have done considerably more work recently, which should be folded into a revision of this report, or perhaps a report which supercedes this one:

<http://www.ligo.caltech.edu/docs/T/T030044-03.pdf>

Dennis

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Aligo\_sus mailing list

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